

**PRODUCTION OF LOW ALPHA-OLEFIN POLYMER**

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**Abstract of JP7118327**

**PURPOSE:**To produce industrially advantageously a low alpha-olefin polymer. such as a low 1-hexene polymer, in high yield and selectivity and esp. to facilitate the removal of by-product polymers in producing the low polymer. **CONSTITUTION:**A low alpha-olefin polymer is produced by conducting the low polymn. of an alpha-olefin at 70 deg.C or lower in a 7C or lower said. hydrocarbon solvent in the presence of a catalyst contg. a chromium compd., an amine or a metal amide, and an alkylaluminum compd., then removing by-product polymers from the reaction soln. without allowing them to melt, and recovering the low polymer.

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